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PTO/SB/08a/b (08-03)

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| Substitute for form 1449A/B/PTO | | | | Complete if Known | |
| | | | | Application Number | 10/541590 |
| | | | | Filing Date | July 7, 2005 |
| | | | | First Named Inventor | Katsumi SAKITANI |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | 4633-0140PUS1 |

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| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
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| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | |
| MM | BA** | JP-2003-279179-A | 10-02-2003 | | T ⁶ |
| MM | BB** | JP-57-108555-A | 07-06-1982 | | |
| MM | BC** | JP-2000-234814-A | 08-29-2000 | | |

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| Examiner Signature |  | Date Considered | 1/3/08 |
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Birch, Stewart, Kolasch & Birch, LLP

ADM/smrt



PTO/SB/08a/b (07-05)

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| | | | | Application Number | 10/541,590 |
| | | | | Filing Date | July 7, 2005 |
| | | | | First Named Inventor | Katsumi SAKITANI |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | 4633-0140PUS1 |

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| <i>mm</i> | BB | JP-2001-116371-A | 04-27-2001 | | <input checked="" type="checkbox"/> |

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| <i>mm</i> | CA | "THEORETICAL PERFORMANCE OF CARBON DIOXIDE CYCLE WITH INCORPORATION OF COMPRESSOR/EXPANDER INTEGRATED TYPE FLUID MACHINERY," Fukuda MITSUHIRO, 35th Air Conditioning and Refrigeration Combined Lecture Meeting, Lecture Collected Papers, pp. 57-60.. | | | |

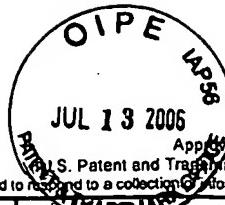
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|--------------------|----------------------------|-----------------|--------|
| Examiner Signature | <i>Mark A. Schlesinger</i> | Date Considered | 1/3/08 |
|--------------------|----------------------------|-----------------|--------|

Birch, Stewart, Kolasch & Birch, LLP

DRA/mag



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Sheet | 1 | of | 1 | Attorney Docket Number | 4633-0140PUS1 |
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Complete if Known

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| Filing Date | July 7, 2005 |
| First Named Inventor | Katsumi SAKITANI |
| Art Unit | N/A |
| Examiner Name | Not Yet Assigned |

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| MM | BB | EP-0 410 570 | 01-30-1991 | | | |
| MM | BC | DE-198 02 613-A1 | 07-29-1999 | | | |

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| MM | CB | Ma et al. Thermodynamic Analysis and Comparasion of Expander for SO ₂ Transcritical Cycle, pp. 287-292 | |

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Examiner Signature

Date Considered

1/3/08

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PTO/SB/08a/b (07-06)

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| | | | | Filing Date | July 7, 2005 |
| | | | | First Named Inventor | Katsumi SAKITANI |
| | | | | Art Unit | 3744 |
| | | | | Examiner Name | Not Yet Assigned |
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| AA | | 6,484,519 | 11-26-2002 | Hesse et al. | |

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| BB | | JP-3-137457-A | 06-12-1991 | | |
| BC | | JP 2003-279179 | 10-02-2003 | | |

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| AA | 6,484,510 | | 11-26-2002 | Hesse et al. | |

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| BA | JP-3-172507-A | | 07-25-1991 | | | |
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| BD | JP-2003-516265 | | 05-13-2003 | | | |

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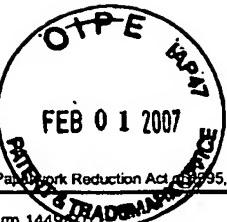
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